Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 06 Mar 2022 until 23:59 on Monday 07 Mar 2022

Forecast Issued on Saturday 05 Mar 2022 at 12:32

Confidence: High for mainly dry condition and strengthening winds next week. Medium for cloud details from Tuesday.

Headline for Sunday 06 Mar 2022: Dry and bright with sunny spells. Chilly start. Mainly moderate winds.

Mountain weather hazards on Sunday 06 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny intervals	Clear night	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Sunday 06 Mar 2022

Weather: A few mist and freezing fog patches possible in the valleys overnight and early morning, otherwise mainly clear. Dry and bright during daylight hours with sunny spells. Mainly clear in the evening. Frost early and later in the day. Chilly winds.

Chance of cloud-free hill tops above 800m: 90%

Low cloud and visibility: No significant cloud expected. Visibility very good apart for any mist and freezing fog.

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Mountain Weather Forecast

Forecast for Sunday 06 Mar 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	25/31 NE	23/28 NE	21/25 NE	18/22 NE	11/15 E	10/15 E	12/17 E	12/20 SE	13/20 SE
600	17/24 NE	14/20 NE	13/18 NE	9/13 NE	7/11 NE	9/13 E	10/16 E	15/23 SE	13/21 SE
300	6/20 NE	5/16 NE	4/15 NE	3/12 NE	4/11 E	6/12 E	4/12 SE	6/15 SE	6/15 SE
Valley	5/17 NE	6/17 NE	7/16 NE	5/10 NE	5/10 E	6/10 E	4/11 E	6/15 SE	5/13 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-11	-3/-11	-3/-10	-2/-9	-1/-6	1/-4	-1/-6	-2/-7	-3/-8
600	-1/-7	-2/-7	-2/-7	-0/-5	2/-2	3/-0	1/-3	-1/-6	-2/-7
300	1/-2	0/-2	-0/-3	2/0	5/3	6/4	3/1	1/-2	0/-3
Valley	3/1	2/-0	2/-1	4/2	7/6	8/6	6/4	4/1	3/0
Freezing Level*	400m	400m	400m	400m	600m	600m	600m	400m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A chilly feel over the summits, particularly early and later in the day.

Forecast for Monday 07 Mar 2022

Weather: Dry and bright with some sunny or clear spells. Cloudier at times, perhaps a little summit cloud early and late in the day. Frost expected early and late in the day.

Maximum wind: Southeast 15 to 20mph gusts 30mph with a significant chill.

Chance of cloud-free hill tops above 800m: 80%.

Low cloud and visibility: Patchy summit cloud possible, but mainly no significant cloud. Visibility mostly very good except in any summit cloud.

Temperature: **Valleys:** Minus 1 Celsius rising to 8 Celsius
At 800m: Minus 3 Celsius rising to Plus 2 Celsius early afternoon
Freezing level: Most levels early and late in the day, but near or above the summits early afternoon.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Saturday 5 March. Location: Catstyecam summit at 15:13. Temperature: plus 1.0degC. Maximum wind speed 4.4mph. Wind chill: minus 2.2degC. Average wind speed: 4.3mph

Full report:
A fine and clear day in the Lakeland fells with plenty of sunshine and excellent visibility, although with some cloud building up in the afternoon. Wind speeds were higher than indicated in today's readings and estimated to be in the region of 20mph and perhaps more over exposed areas. The snowline now starts at roughly 700m, however, snow distribution varies considerably from very little on sunny (south-facing) aspects to drifts over 50cm deep on high north and east-facing slopes. Old patches of hard refrozen snow (névé) are also present underneath fresh deposits, above roughly 800m, and require the use of crampons and an ice axe to move over safely in the current conditions. This includes the exit slopes to both Striding and Swirral edges. With lots of rock still exposed, a slip in any of these areas, if not stopped quickly could result in a long fall with very serious consequences. Localised patches of potentially unstable windslab (layers of snow that are not necessarily well bonded to underlying layers) are also present in some areas on these high, predominantly east-facing scarp slopes. Small cornices are also present around corrie rims and should be given a wide berth. On popular routes, compacted snow from walkers' feet is often well frozen and icy, making microspikes a very sensible addition to your rucksack.Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential items for anyone venturing out into the hills.

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Issued at: 1232 on Sat 05 Mar 2022

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